



Corrigendum

Corrigendum to “A method of calculating human deciduous crown formation times and of estimating the chronological ages of stressful events occurring during deciduous enamel formation” [J Forensic Leg Med 22 (2014) 127–144]



W. Birch*, M.C. Dean

Department of Cell and Developmental Biology, University College London, Gower Street, London WC1E 6BT, UK

The authors regret that there is an error in the original publication. On page 133, Table 2, the range (days) columns have been incorrectly transposed.

The correct table is given below.

Central incisors				
Prism length (μm)	Mean (days)	Confidence limits		Range (days)
		95% Lower (days)	95% Upper (days)	
50	19	17	22	5.1
60	22	19	24	5.3
70	24	21	27	5.5
80	27	24	29	5.7
90	29	26	32	5.9
100	32	28	35	6.1
150	44	40	47	7.1
200	56	52	60	8.1
250	69	64	73	9.1
300	81	76	86	10.1
350	94	88	99	11.1
400	106	100	112	12.1
450	118	112	125	13.1

Mean: $Y = 0.248 \times \text{Prism length } (\mu\text{m}) + 6.731$.

Lower 95% Confidence limit: $Y = 0.238 \times \text{Prism length } (\mu\text{m}) + 4.678$.

Upper 95% Confidence limit: $Y = 0.258 \times \text{Prism length } (\mu\text{m}) + 8.784$.

Lateral incisors				
Prism length (μm)	Mean (days)	Confidence limits		Range (days)
		95% Lower (days)	95% Upper (days)	
50	19	16	21	4.3
60	21	19	23	4.5
70	24	22	26	4.6
80	27	24	29	4.7
90	29	27	32	4.9
100	32	29	34	5.0
150	45	42	48	5.7
200	58	55	62	6.4
250	72	68	75	7.1
300	85	81	89	7.8
350	98	94	102	8.5
400	111	107	116	9.2
450	125	120	130	9.9
500	138	133	143	10.6
550	151	145	157	11.3
600	164	158	170	12.0

Mean: $Y = 0.265 \times \text{Prism length } (\mu\text{m}) + 5.342$.

Lower 95% Confidence limit: $Y = 0.258 \times \text{Prism length } (\mu\text{m}) + 3.535$.

Upper 95% Confidence limit: $Y = 0.272 \times \text{Prism length } (\mu\text{m}) + 7.148$.

DOI of original article: <http://dx.doi.org/10.1016/j.jflm.2013.12.002>.

* Corresponding author. Tel.: +44 2076796152.

E-mail address: w.birch@ucl.ac.uk (W. Birch).

Canines				
Prism length (μm)	Mean (days)	Confidence limits		Range (days)
		95% Lower (days)	95% Upper (days)	
50	20	16	23	6.8
60	22	19	26	7.0
70	25	21	28	7.2
80	27	24	31	7.3
90	30	26	34	7.5
100	32	29	36	7.7
150	45	41	49	8.5
200	58	53	62	9.4
250	70	65	75	10.2
300	83	77	88	11.1
350	96	90	101	11.9
400	108	102	114	12.8
450	121	114	128	13.6
500	134	126	141	14.5
550	146	138	154	15.3
600	159	151	167	16.2
650	172	163	180	17.0
700	184	175	193	17.9
750	197	187	206	18.7
800	210	199	219	19.6
850	222	212	232	20.4

Mean: $Y = 0.253 \times \text{Prism length } (\mu\text{m}) + 7.106$.

Lower 95% Confidence limit: $Y = 0.244 \times \text{Prism length } (\mu\text{m}) + 4.123$.

Upper 95% Confidence limit: $Y = 0.261 \times \text{Prism length } (\mu\text{m}) + 10.089$.

First molars				
Prism length (μm)	Mean (days)	Confidence limits		Range (days)
		95% Lower (days)	95% Upper (days)	
50	16	13	19	5.3
60	19	16	21	5.4
70	21	18	24	5.5
80	24	21	26	5.6
90	26	23	29	5.8
100	29	26	32	5.9
150	41	38	45	6.5
200	54	51	58	7.1
250	67	63	71	7.7
300	79	75	84	8.3
350	92	88	97	8.9
400	105	100	110	9.5
450	118	113	123	10.1
500	130	125	136	10.7
550	143	137	149	11.3
600	156	150	162	11.9
650	168	162	175	12.5
700	181	175	188	13.1
750	194	187	201	13.7
800	206	199	214	14.3

Mean: $Y = 0.254 \times \text{Prism length } (\mu\text{m}) + 3.291$.

Lower 95% Confidence limit: $Y = 0.248 \times \text{Prism length } (\mu\text{m}) + 0.951$.

Upper 95% Confidence limit: $Y = 0.260 \times \text{Prism length } (\mu\text{m}) + 5.631$.

Second molars				
Prism length (μm)	Mean (days)	Confidence limits		Range (days)
		95% Lower (days)	95% Upper (days)	
50	25	23	28	5.2
60	28	25	31	5.2
70	31	28	33	5.3
80	33	31	36	5.4
90	36	33	39	5.5
100	39	36	42	5.6
150	53	50	56	6.1
200	66	63	70	6.5
250	80	76	83	7.0
300	94	90	97	7.4
350	107	103	111	7.9
400	121	117	125	8.3
450	135	130	139	8.8
500	149	144	153	9.2
550	162	157	167	9.7
600	176	171	181	10.1
650	190	184	195	10.6
700	203	197	209	11.0
750	217	211	222	11.5
800	231	224	236	11.9
850	244	238	250	12.4
900	258	251	264	12.8
950	272	265	278	13.3
1000	286	278	292	13.7
1050	299	292	306	14.2
1100	313	305	320	14.6
1150	327	319	334	15.1
1200	340	332	348	15.5

Mean: $Y = 0.274 \times \text{Prism length } (\mu\text{m}) + 11.548$.

Lower 95% Confidence limit: $Y = 0.269 \times \text{Prism length } (\mu\text{m}) + 9.194$.

Upper 95% Confidence limit: $Y = 0.278 \times \text{Prism Length } (\mu\text{m}) + 13.902$.

The authors apologize for any misunderstanding.